



Sheet 1 of 4

APPLICANT FACSIMILE OF FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. UMV-1184CPCN	SERIAL NO. 09/819098
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Kaufman, R. J. et al.	
FILING DATE April 11, 2001		GROUP 1653	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	A1	4,757,006	07/88	Toole, Jr. et al.	435	68	
<i>[initials]</i>	A2	4,868,112	09/89	Toole, Jr.	435	68	
<i>[initials]</i>	A3	5,004,803	04/91	Kaufman et al.	530	383	
<i>[initials]</i>	A4	5,045,455	09/91	Kuo et al.	435	69.6	
<i>[initials]</i>	A5	5,214,033	05/93	Zimmerman et al.	517	21	
<i>[initials]</i>	A6	5,250,421	10/93	Kaufman et al.	435	69.6	
<i>[initials]</i>	A7	5,451,521	09/95	Kaufman et al.	435	240.2	
<i>[initials]</i>	A8	5,563,045	10/96	Pittman et al.	435	69.6	
<i>[initials]</i>	A9	5,661,008	08/97	Almstedt et al.	435	69.6	

FOREIGN PATENT DOCUMENTS


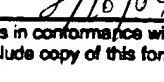
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>[initials]</i>	A10	WO 87/04187	07/87	WO				
<i>[initials]</i>	A11	WO 87/06101	10/87	WO				
<i>[initials]</i>	A12	WO 87/07144	12/87	WO				
<i>[initials]</i>	A13	WO 88/03558	05/88	WO				
<i>[initials]</i>	A14	WO 88/08035	10/88	WO				
<i>[initials]</i>	A15	EP 295597	12/88	EPO				
<i>[initials]</i>	A16	WO 91/07490	05/91	WO				
<i>[initials]</i>	A17	EP 197901	07/91	EPO				
<i>[initials]</i>	A18	WO 97/03194	01/97	WO				
<i>[initials]</i>	A19	WO 97/03195	01/97	WO				
<i>[initials]</i>	A20	WO 97/40145 A1	10/97	WO				

OTHERS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>[initials]</i>	A21	Bertina et al. "Mutation in blood coagulation factor V associated with resistance to activated protein C." <i>Nature</i> . 1994 May 5;369(6475):64-7
<i>[initials]</i>	A22	Blond-Elguindi et al. "Affinity panning of a library of peptides displayed on bacteriophages reveals the binding specificity of BiP." <i>Cell</i> . 1993 Nov 19;75(4):717-28
<i>[initials]</i>	A23	Brinkhous et al. "Purified human factor VIII procoagulant protein: comparative hemostatic response after infusions into hemophilic and von Willebrand disease dogs." <i>PNAS USA</i> . 1985 Dec;82(24):8752-6
<i>[initials]</i>	A24	Castaman et al. "Effectiveness of high-dose intravenous immunoglobulin in a case of acquired von Willebrand syndrome with chronic melena not responsive to desmopressin and factor VIII concentrate." <i>Am. J. Hematol</i> . 1992 Oct;41(2):132-6
Examiner <i>[Signature]</i>		Date Considered 8/16/04
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		


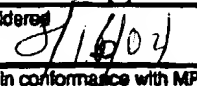
APPLICANT FOLDER OF FORM PTO-1448 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO UMV-1184CPCN	Sheet 2 of 4 SERIAL NO. 09/819098
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Kaufman, R. J. et al. FILING DATE April 11, 2001 GROUP 1653	

OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A	B1	Cripe et al. "Structure of the gene for human coagulation factor V." <i>Biochemistry</i> . 1992 Apr 21;31(15):3777-85
B	B2	Dahlbäck et al. "Familial thrombophilia due to a previously unrecognized mechanism characterized by poor anticoagulant response to activated protein C: prediction of a cofactor to activated protein C." <i>PNAS USA</i> 1993 Feb 1;90(3):1004-8
A	B3	Dahlbäck et al. "Inherited resistance to activated protein C is corrected by anticoagulant cofactor activity found to be a property of factor V." <i>PNAS USA</i> 1994 Feb 15;91(4):1396-400
A	B4	Davie et al. "The coagulation cascade: initiation, maintenance, and regulation." <i>Biochemistry</i> . 1991 Oct 29;30(43):10363-70
A	B5	Dorner et al. "The relationship of N-linked glycosylation and heavy chain-binding protein association with the secretion of glycoproteins." <i>J. Cell Biol.</i> 1987 Dec;105(6 Pt 1):2665-74
A	B6	Dorner et al. "Increased synthesis of secreted proteins induces expression of glucose-regulated proteins in butyrate-treated Chinese hamster ovary cells." <i>J. Biol. Chem.</i> 1989;264(34):20602-7
A	B7	Dorner et al. "Protein dissociation from GRP78 and secretion are blocked by depletion of cellular ATP levels." <i>PNAS USA</i> 1990 Oct;87(19):7429-32
A	B8	Dorner et al. "Overexpression of GRP78 mitigates stress induction of glucose regulated proteins and blocks secretion of selective proteins in Chinese hamster ovary cells." <i>EMBO J.</i> 1992 Apr;11(4):1563-71
A	B9	Eaton et al. "Proteolytic processing of human factor VIII. Correlation of specific cleavages by thrombin, factor Xa, and activated protein C with activation and inactivation of factor VIII coagulant activity." <i>Biochemistry</i> . 1986 Jan 28;25(2):505-12
A	B10	Fay et al. "von Willebrand factor mediates protection of factor VIII from activated protein C-catalyzed inactivation." <i>J. Biol. Chem.</i> 1991 Feb 5;266(4):2172-7
A	B11	Fay et al. "Human factor VIIIa subunit structure. Reconstruction of factor VIIIa from the isolated A1/A3-C1-C2 dimer and A2 subunit." <i>J. Biol. Chem.</i> 1991 May 15;266(14):8957-62
A	B12	Fay et al. "Activated protein C-catalyzed inactivation of human factor VIII and factor VIIIa. Identification of cleavage sites and correlation of proteolysis with cofactor activity." <i>J. Biol. Chem.</i> 1991 Oct 25;266(30):20139-45
A	B13	Fay et al. "Role of the COOH-terminal acidic region of A1 subunit in A2 subunit retention in human factor VIIIa." <i>J. Biol. Chem.</i> 1993 Aug 25;268(24):17861-6
A	B14	Fay et al. "Factor VIIIa A2 subunit residues 558-585 represent a factor IXa interactive site." <i>J. Biol. Chem.</i> 1994 Aug 12;269(32):20522-7
A	B15	Flynn et al. "Peptide binding and release by proteins implicated as catalysts of protein assembly." <i>Science</i> 1989 Jul 28;245(4916):385-90
A	B16	Fulcher et al. "Proteolytic inactivation of human factor VIII procoagulant protein by activated human protein C and its analogy with factor V." <i>Blood</i> 1984 Feb;63(2):486-9
A	B17	Glitschler et al. "Characterization of the human factor VIII gene." <i>Nature</i> 1984 Nov 22-28;312(5992):326-30
A	B18	Guinto et al. "The complete cDNA sequence of bovine coagulation factor V." <i>J. Biol. Chem.</i> 1992 Feb 15;267(5):2971-8
A	B19	Healey et al. "Residues Glu2181-Val2243 Contain a Major Determinant of the Inhibitory Epitope in the C2 Domain of Human Factor VIII." <i>Blood</i> , 1998, 92(10):3701-9
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APPLICANT FACSIMILE OF FORM PTO-1409 REV 7-80	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO UMV-1184CPCN	SERIAL NO. 09/819098
LIST OF PUBLICATIONS CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Kaufman, R. J. et al.	FILING DATE April 11, 2001
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OTHERS (including Author, Title, Date, Pertinent Pages, Etc.)

A9	C1 Jenny et al. "Complete cDNA and derived amino acid sequence of human factor V." <i>PNAS USA</i> 1987 Jul;84(14):4846-50
A10	C2 Kane et al. "Cloning of a cDNA coding for human factor V, a blood coagulation factor homologous to factor VIII and ceruloplasmin." <i>PNAS USA</i> 1986 Sep;83(18):6800-4
A10	C3 Kaufman et al. "Amplification and expression of sequences cotransfected with a modular dihydrofolate reductase complementary DNA gene." <i>J. Mol. Biol.</i> 1982 Aug 25;159(4):601-21
A10	C4 Kaufman et al. "Identification of the components necessary for adenovirus translational control and their utilization in cDNA expression vectors." <i>PNAS USA</i> 1985 Feb;82(3):689-93
A10	C5 Kaufman et al. "Synthesis, processing, and secretion of recombinant human factor VIII expressed in mammalian cells." <i>J. Biol. Chem.</i> 1988 May 5;263(13):6352-62
A10	C6 Kozutsumi et al. "The presence of malformed proteins in the endoplasmic reticulum signals the induction of glucose-regulated proteins." <i>Nature</i> 1988 Mar 31;332(6163):462-4
A10	C7 Koedam et al. "Inactivation of human factor VIII by activated protein C. Cofactor activity of protein S and protective effect of von Willebrand factor." <i>J. Clin. Invest.</i> 1988 Oct;82(4):1238-43
A10	C8 Lenting et al. "Identification of a binding site for blood coagulation factor IXa on the light chain of human factor VIII." <i>J. Biol. Chem.</i> 1994 Mar 11;269(10):7150-5
A10	C9 Layte et al. "Sulfation of Tyr1680 of human blood coagulation factor VIII is essential for the interaction of factor VIII with von Willebrand factor." <i>J. Biol. Chem.</i> 1991 Jan 15;266(2):740-6
A10	C10 Lollar et al. "Structural basis for the decreased procoagulant activity of human factor VIII compared to the porcine homolog." <i>J. Biol. Chem.</i> 1991 Jul 5;266(19):12481-6
A10	C11 Lusky et al. "Characterization of the bovine papilloma virus plasmid maintenance sequences." <i>Cell.</i> 1984 Feb;36(2):391-401
A10	C12 Mann et al. "Cofactor proteins in the assembly and expression of blood clotting enzyme complexes." <i>Annu. Rev. Biochem.</i> 1988;57:915-56
A10	C13 Marquette et al. "A 110-amino acid region within the A1-domain of coagulation factor VIII inhibits secretion from mammalian cells." <i>J. Biol. Chem.</i> 1995 Apr 28;270(17):10297-303
A10	C14 Michnick et al. "Identification of individual tyrosine sulfation sites within factor VIII required for optimal activity and efficient thrombin cleavage." <i>J. Biol. Chem.</i> 1994 Aug 5;269(31):20095-102
A10	C15 Munro et al. "An Hsp70-like protein in the ER: identity with the 78 kd glucose-regulated protein and immunoglobulin heavy chain binding protein." <i>Cell.</i> 1986 Jul 18;46(2):291-300
A10	C16 Nesheim et al. "The effect of plasma von Willebrand factor on the binding of human factor VIII to thrombin-activated human platelets." <i>J. Biol. Chem.</i> 1991 Sep 25;266(27):17815-20
A10	C17 Ortel et al. "Structural model of human ceruloplasmin based on internal triplication, hydrophilic/hydrophobic character, and secondary structure of domains." <i>PNAS USA</i> 1984 Aug;81(15):4761-5
A10	C18 Pipe et al., "Construction and characterization of inactivation resistant factor VIII," <i>Blood</i> , 88(10):441 (1996)
A10	C19 Pipe et al., "Characterization of a genetically engineered inactivation-resistant coagulation factor VIIa." <i>PNAS USA</i> . 1997 Oct 28;94(22):11851-6
A10	C20 Pittman et al., "Proteolytic requirements for thrombin activation of anti-hemophilic factor (factor VIII)," <i>Proc. Nat. Acad. Sc.</i> 85:2429-33 (1988)
A10	C21 Pittman et al. "A2 domain of human recombinant-derived factor VIII is required for procoagulant activity but not for thrombin cleavage." <i>Blood</i> . 1992 Jan 15;79(2):389-97
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APPLICANT FASCDILE OF FORM PTO-1448 REV 7-88	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO UMV-1184CPCN	SERIAL NO. 09/819098
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D1	Pittman <i>et al.</i> "Post-translational requirements for functional factor V and factor VIII secretion in mammalian cells." <i>J. Biol. Chem.</i> 1994 Jun 24;269(25):17329-37
D2	Pittman <i>et al.</i> "Role of the B domain for factor VIII and factor V expression and function." <i>Blood.</i> 1994 Dec 15;84(12):4214-25
D3	Saenko <i>et al.</i> "A novel mechanism for inhibition of factor VIII activity by an antibody with a C2 domain epitope, residues 2248-2285." <i>Blood</i> 1995;86 Abstr. 749
D4	Scandella <i>et al.</i> "Some factor VIII inhibitor antibodies recognize a common epitope corresponding to C2 domain amino acids 2248 through 2312, which overlap a phospholipid-binding site." <i>Blood.</i> 1995 Sep 1;86(5):1811-9
D5	Shima <i>et al.</i> "Common inhibitory effects of human anti-C2 domain inhibitor alloantibodies on factor VIII binding to von Willebrand factor." <i>Blood.</i> 1995;86 Abstr. 748
D6	Shima <i>et al.</i> "Common inhibitory effects of human anti-C2 domain inhibitor alloantibodies on factor VIII binding to von Willebrand factor." <i>Br. J. Haematol.</i> 1995 Nov;91(3):714-21
D7	Stubbs <i>et al.</i> "cDNA cloning of a mouse mammary epithelial cell surface protein reveals the existence of epidermal growth factor-like domains linked to factor VIII-like sequences." <i>PNAS USA</i> 1990 Nov;87(21):8417-21
D8	Sun <i>et al.</i> "Blood coagulation factor Va abnormality associated with resistance to activated protein C in venous thrombophilia." <i>Blood.</i> 1994 Jun 1;83(11):3120-5
D9	Svensson <i>et al.</i> "Resistance to activated protein C as a basis for venous thrombosis." <i>N. Engl. J. Med.</i> 1994 Feb 24;330(8):517-22
D10	Swaroop, M. et al., "Mutation of Phe309Ser, a putative BIP binding site, enhances secretion of coagulation factor VIII." <i>Blood</i> , 88(10):441a (1996)
D11	Takahashi <i>et al.</i> "Single-chain structure of human ceruloplasmin: the complete amino acid sequence of the whole molecule." <i>PNAS USA.</i> 1984 Jan;81(2):390-4
D12	Toole <i>et al.</i> "Molecular cloning of a cDNA encoding human antihemophilic factor." <i>Nature.</i> 1984 Nov 22-28;312(5992):342-7
D13	Toole <i>et al.</i> "A large region (approximately equal to 95 kDa) of human factor VIII is dispensable for in vitro procoagulant activity." <i>PNAS USA</i> 1986 Aug;83(16):5939-42
D14	Toole, J. J. et al., "Exploration of structure-function relationships in human factor VIII by site-directed mutagenesis." <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 51(1):543-9 (1986)
D15	Varadi <i>et al.</i> "Influence of factor V and factor Va on APC-induced cleavage of human factor VIII." <i>Thromb. Haemost.</i> 1995 Apr;73(4):730-1
D16	Varadi <i>et al.</i> "A chromogenic assay for activated protein C resistance." <i>Br. J. Haematol.</i> 1995 Aug;90(4):884-91
D17	Vehar <i>et al.</i> "Structure of human factor VIII." <i>Nature.</i> 1984 Nov 22-28;312(5992):337-42
D18	Walker <i>et al.</i> "Inactivation of factor VIII by activated protein C and protein S." <i>Arch. Biochem. Biophys.</i> 1987 Jan;252(1):322-8
D19	Walker <i>et al.</i> "Identification of the binding site for activated protein C on the light chain of factors V and VIII." <i>J. Biol. Chem.</i> 1990 Jan 25;265(3):1484-9
D20	Wood <i>et al.</i> "Expression of active human factor VIII from recombinant DNA clones." <i>Nature.</i> 1984 Nov 22-28;312(5992):330-7

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